WHAT IS CLAIMED IS:

1. A battery engagement structure used in a portable battery charging module and adapted to engage a battery pack for charging by said portable battery charging module, the battery engagement structure comprising:

a housing, said housing comprising a bottom panel, a first side panel, and a second side panel, wherein said first side panel having an inner face, said second side panel abutted against one end of said first side panel, a battery engagement opening disposed at said first side panel, a sliding groove disposed at said first side panel in parallel to said inner face of said first side panel, a button hole disposed at said second side panel, and a pivot holder upwardly extended from said bottom panel adjacent to the connection area between said first side panel and said second side panel;

a button mounted in said button hole;

an operation mechanism, said operation mechanism comprising a locking bar, and a link, wherein said locking bar mounted in said sliding groove and movable along said sliding groove in and out of said battery engagement opening, said locking bar having a front end insertable into said battery engagement opening, said link having a first end, a second end, and a middle part, said first end coupled to said locking bar, said second end stopped at said button, and said middle part pivoted to said pivot holder; and

spring means adapted to impart a prestress to said locking bar to force the front end of said locking bar inserted into said battery engagement opening.

2. The battery engagement structure as claimed in claim 1, wherein said housing is comprised of a top cover shell and a bottom shell, and said bottom panel is formed in said bottom shell.

3. The battery engagement structure as claimed in claim 1, wherein said housing further comprises at least one rib defining said sliding groove; said locking bar further comprising a supporting rod; one end of said spring means is sleeved onto said supporting rod and another end of said spring means is stopped against said at least one rib.

4. The battery engagement structure as claimed in claim 1, wherein said housing further comprises a guide rod upwardly extended from said bottom panel adjacent to said first side panel; said locking bar of said operation mechanism further has an oblong guide hole coupled to said guide rod.

5. The battery engagement structure as claimed in claim 1, wherein the middle part of said link has a pivot hole pivotally connected to the pivot holder of said housing by a screw.